



## APPLICATION FOR GROUNDWATER RELEASE DETECTION PERMIT

A GROUNDWATER RELEASE DETECTION PERMIT is issued under RSA 485-C and Env-Wm 1403.20 to a facility owner for detection of a release of a regulated contaminant associated with the activities listed in RSA 485-C:13. (Examples include lined wastewater lagoons, lined solid waste landfills, and facilities for processing soils contaminated with petroleum products.)

### SUBMIT:

- ONE SIGNED AND COMPLETED APPLICATION (Application shall be prepared and stamped by a professional engineer or professional geologist licensed in the State of New Hampshire.)
- SUPPORTING INFORMATION
- \$1,000 APPLICATION FEE (In the form of a check payable to the "State of New Hampshire – D.E.S." State and local government, including counties and political subdivisions, are exempt.)

### TO:

NH DES/Waste Management Division  
Site Remediation Programs  
Groundwater Release Detection Permit Coordinator  
P.O. Box 95, 29 Hazen Drive  
Concord, NH 03302-0095

If you have any questions, contact the Groundwater Release Detection Permit Coordinator at (603) 271-3644.

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### CERTIFICATION OF NOTICE TO LOCAL TOWN/CITY CLERK:

In order to meet the requirements of Env-Wm 1403.22, the undersigned certifies that on \_\_\_\_\_ 20\_\_, a copy of this completed permit application was given to the Town/City Clerk of \_\_\_\_\_ (the town in which the facility requesting a permit is located).

Date: \_\_\_\_\_ Applicant Signature: \_\_\_\_\_  
(Applicant)

NAME: (print or type): \_\_\_\_\_

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- I. Facility Type ☐ Existing ☐ Proposed
- ☐ Hazardous waste disposal facility as defined under RSA 147-A
  - ☐ Lined solid waste landfill
  - ☐ Lined wastewater lagoon
  - ☐ Facility for processing soil contaminated with petroleum products

The following facilities located in a class GAA wellhead protection area:

- ☐ New solid waste composting facility
- ☐ New solid waste resource recovery facility
- ☐ Existing outdoor storage facility for deicing chemicals
- ☐ Existing junk or salvage yard
- ☐ Existing snow dump

II. Facility Information

Facility Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Tax Map: \_\_\_\_\_ Lot Number: \_\_\_\_\_  
Deed Reference: County: \_\_\_\_\_ Book and Page: \_\_\_\_\_

III. Facility Owner (Permit Applicant) Information

Facility Owner Name: \_\_\_\_\_ Phone (\_\_\_\_): \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

IV. Property Owner Information (complete only if different than facility owner)

Property Owner Name: \_\_\_\_\_ Phone (\_\_\_\_): \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

V. Facility Operator Information (complete only if different than facility owner)

Facility Operator Name: \_\_\_\_\_ Phone (\_\_\_\_): \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

VI. Contact Person Information

Contact Person Name: \_\_\_\_\_ Phone (\_\_\_\_): \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

VII. Supporting Information

(Check Yes, "Y", if information is enclosed, or Not Applicable, "N/A", if requested information does not apply.)

Y N/A

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|--------------------------|--------------------------|----|--|
| <input type="checkbox"/> |                          | 1. | A complete description of the facility, its intended capacity, type of wastes or wastewater handled, together with supporting information describing the process involved in the treatment, storage or disposal of wastes;   |
| <input type="checkbox"/> |                          | 2. | A brief description of precautions used at the facility to prevent potential contamination. Include a description of facility construction (liner types, diversion ditches, etc.) and management practices which help prevent potential waste disposal or leakage; |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. | Estimated construction time. Projected start-up date;  |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. | In the case of industries, include all pertinent information, including Standard Industrial Code (SIC), concerning processes, production, and associated waste treatment;  |
| <input type="checkbox"/> |                          | 5. | USGS map, 7-1/2 minute series (if available), which clearly identifies the facility location;  |
| <input type="checkbox"/> |                          | 6. | A potential receptors map, using a tax map as a base, which identifies and locates the following:  |
| <input type="checkbox"/> | <input type="checkbox"/> | a. | Streets within 1,000 feet of the facility;   |
| <input type="checkbox"/> | <input type="checkbox"/> | b. | Properties, including tax map and lot, ownership and land use information, within 1,000 feet of the site;  |
| <input type="checkbox"/> | <input type="checkbox"/> | c. | Physical structures, storage areas, and buildings, including information on building use and existence of basements, within 1,000 feet of the facility;  |

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|--------------------------|--------------------------|------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | d.   | Surface water bodies on and within 1,000 feet of the facility; and  |
| <input type="checkbox"/> | <input type="checkbox"/> | e.   | Water supply wells, including type of use, within 1,000 feet of the facility.   |
| <input type="checkbox"/> |                          | 7.   | Detailed facility plan prepared in accordance with the following:   |
| <input type="checkbox"/> |                          | ★ a. | The plan shall include a title, a legend, and a true north arrow;   |
| <input type="checkbox"/> |                          | ★ b. | The plan shall be drawn to scale and the scale shall be noted on the plan and include a graphic scale bar;  |
| <input type="checkbox"/> |                          | c.   | The base plan source from which the site plan was derived shall be noted on the plan;   |
| <input type="checkbox"/> |                          | d.   | The location, elevation, and datum of the bench mark shall be included. If a bench mark referenced to NGVD is within 1,000 feet of the site, elevation shall be recorded using NVGD and the source of the NGVD bench mark information shall be noted on the plan; |
| <input type="checkbox"/> |                          | e.   | Ground surface spot elevations and contours to show surface topography; and   |
| <input type="checkbox"/> |                          | f.   | The site plan shall identify and locate the following:  |
| <input type="checkbox"/> | <input type="checkbox"/> | ★ 1. | Physical structures, storage areas, and buildings associated with the facility;   |
| <input type="checkbox"/> |                          | ★ 2. | Existing and proposed groundwater monitoring wells that will be monitored;  |
| <input type="checkbox"/> | <input type="checkbox"/> | ★ 3. | Surface water sampling points;  |
| <input type="checkbox"/> |                          | ★ 4. | Groundwater contours within 100 feet of the facility;   |
| <input type="checkbox"/> | <input type="checkbox"/> | ★ 5. | Surface water bodies on and within 100 feet of the facility;  |
| <input type="checkbox"/> |                          | 6.   | Land surface contours within 100 feet of the facility;  |
| <input type="checkbox"/> | <input type="checkbox"/> | 7.   | Piezometers used to develop groundwater contours;   |
| <input type="checkbox"/> |                          | 8.   | Table of water level measurements and elevations found in piezometers and monitoring wells used to develop the groundwater contours;  |
| <input type="checkbox"/> | <input type="checkbox"/> | 9.   | Soil borings and test pits within 100 feet of the facility;   |
| <input type="checkbox"/> | <input type="checkbox"/> | 10.  | Above and underground storage tanks associated with the facility;   |
| <input type="checkbox"/> | <input type="checkbox"/> | 11.  | Underground utilities at the facility; and  |
| <input type="checkbox"/> |                          | 12.  | Subsurface drains at the facility.  |
| <input type="checkbox"/> |                          | 8.   | In addition to the facility plan, a copy of the site plan scaled to fit onto an 8½" x 11" or 11" x 17" sheet and modified to make the starred (★) items listed in Part VII (7) above legible.   |
| <input type="checkbox"/> | <input type="checkbox"/> | 9.   | A table, in a format acceptable to the Department, summarizing all monitoring results for the last 5 years from existing monitoring points;   |
| <input type="checkbox"/> | <input type="checkbox"/> | 10.  | A list of reports on land use history, activities, water quality, and hydrogeology associated with the property on which the facility is located;   |
| <input type="checkbox"/> |                          | 11.  | A detailed proposal for a water quality monitoring program, including proposed monitoring schedule, parameters to be analyzed, and monitoring locations, with supporting information justifying the locations, frequency, and parameters selected;                |
| <input type="checkbox"/> | <input type="checkbox"/> | 12.  | Test pit and boring log data including textural description, drilling methods, blow counts, and water table observation; and  |
| <input type="checkbox"/> | <input type="checkbox"/> | 13.  | Well construction details of existing monitoring wells, top of well casing elevations, and measured depth to water table from top of casing.  |

## VIII. Permit Issuance Information

- A. Within 90 days from the receipt of a completed permit application, the Department shall issue a permit for a period of 5 years, subject to renewal, if compliance with Env-Wm 1403.21 and Env-Wm 1403.22 has been demonstrated. The Department shall notify the applicant of its decision in writing by issuing a permit or denying the application.
- B. The Department shall have the right to enter any permitted facility for the purpose of collecting information, examining records, collecting samples or undertaking other action associated with the permit.
- C. The permittee shall submit to the Department before facility start-up, an as-built site plan on an 8 ½" x 11" or 11" x 17" sheet, and boring logs and well construction details of wells installed after permit issuance.
- D. The permittee shall submit one complete set of water quality results to the Department before facility start-up and/or prior to permit issuance.
- E. The permittee shall apply for the renewal of the permit 90 days prior to its expiration date.
- F. A permittee may request a permit modification or permit termination by submitting a written request to the Department, including the reasons for the modification or termination and a table (in a format acceptable to the Department) summarizing all monitoring results to date for existing monitoring points. The Department shall modify or terminate the permit or deny the request, stating the reasons for denial in writing, within 90 days of the request.
- G. Prior to transfer of ownership of a site, the permittee shall file a written request with the Department for a transfer of the permit to the new owner. The request shall include a summary of all monitoring results to date in a format acceptable to the Department. Within 90 days of receiving a request for transfer, the Department shall notify the present permittee and the new permittee of its decision in writing. Within 30 days from the date of approval of transfer, the new permittee shall notify the Department in writing of its acceptance of the permit.

IX. Certification

To the best of my knowledge, the data and information that I have submitted to obtain the Groundwater Release Detection Permit from the New Hampshire Department of Environmental Services, are true and correct.

The undersigned certifies that application has been made for all required state or federal permits.

**Date:** \_\_\_\_\_ **Signature:** \_\_\_\_\_  
Site Owner (or Permit Applicant)

NAME: (print or type): \_\_\_\_\_

X. Professional Certification

**Date:** \_\_\_\_\_ **Signature:** \_\_\_\_\_  
Professional Engineer or Geologist

NAME: (print or type): \_\_\_\_\_

The New Hampshire licensed professional engineer or geologist who prepared this Permit Application is required to stamp this document in the space provided below.

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No liability is incurred by the State by reason of any approval for Groundwater Release Detection Permits. Approval by the New Hampshire Department of Environmental Services is based on the information supplied by the applicant. No guarantee is intended or implied by reason of any advice given by the Department or its staff.